

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

Section 24

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Shell Oil Company  
Well No. 4, in SW 1/4 of NE 1/4, of Sec. 24, T. 21S, R. 30E, NMPM.  
Eumot Pool, Lea County.  
Well is 1980 feet from north line and 1980 feet from east line of Section 24. If State Land the Oil and Gas Lease No. is E. 1400.  
Drilling Commenced 9-9-54, 1954. Drilling was Completed 9-18-54, 1954.  
Name of Drilling Contractor Valma Petroleum Company  
Address Hobbs, New Mexico  
Elevation above sea level at Top of Tubing Head 3615'. The information given is to be kept confidential until not confidential, 19.

OIL SANDS OR ZONES

No. 1, from 3615' to 3876' No. 4, from to  
No. 2, from to No. 5, from to  
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.  
No. 2, from to feet.  
No. 3, from to feet.  
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8"	32	New	290	-	-	-	Surface string
5 1/2"	15.5	New	3953	-	-	-	Oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8"	302'	300 ex.	mud & plug	cemented to surface	
7 7/8"	5 1/2"	3965'	800 ex.	mud & plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

See attachment  
Result of Production Stimulation See attachment  
Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3965 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing October 1, 1954.  
OIL WELL: The production during the first 24 hours was 123.92 barrels of liquid of which 80% was  
was oil; % was emulsion; 20% water; and % was sediment. A.P.I.  
Gravity  
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure lbs.  
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates..... 3478' ( 4147')	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
T. San Andres.....	T. Granite.....	T. Dakota.....	
T. Glorieta.....	T. ....	T. Morrison.....	
T. Drinkard.....	T. ....	T. Penn.....	
T. Tubbs.....	T. ....	T. ....	
T. Abo.....	T. ....	T. ....	
T. Penn.....	T. ....	T. ....	
T. Miss.....	T. ....	T. ....	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	307	307	Surface Sand, Caliche & Red Beds				
307	1967	1660	Red Beds & anhydrite				
1967	3275	1308	anhydrite & Salt				
3275	3475	200	anhydrite & Dolomite				
3475	3965	490	Dolomite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

October 11, 1954 (Date)  
Company or Operator Shell Oil Company Address P. O Box 1957, Hobbs, New Mexico  
Name B. Nevill Original signed by Division Exploitation Engineer  
B. Nevill Position or Title

RECORD OF PRODUCTION AND STIMULATION

Treated all perforations 3920'-3948', 3866'-3876' and 3844'-3854' w/15,000 gallons Sandfrac containing 1  $\frac{1}{2}$  # sand/gallon.

RESULTS: In 8 hours swabbed 38.17 BW, cut 17 BS & W.

Treated formation thru casing perforations 3844'-3854' and 3866'-3876' w/ 6000 gallons Sandfrac containing 1  $\frac{1}{2}$  # sand/ gallon.

RESULTS: On OPT flwd. 103.68 MOPD / 20.24 BW (Based on 69.05 MO / 13.80 BW in 16 hours) thru 14/64" choke. TP 500 psi. CP packer.  
GOR 2444.